

CLAIMS

1. Electrical subsea connector (18) comprising:
 - electrical connection means (1)
 - insulating means (5) surrounding said electrical connection means (1),
 - sealing means (11, 12) for preventing surrounding liquid such as sea water from coming into contact with said electrical connection means (1) in order to ensure watertightness,
said insulating means (5) are made of a wall
10 disposed around said electrical connection means (1) so as to define a chamber (19) suitable for receiving at least one electrical cable end (20).
2. Electrical subsea connector (18) according to claim 1 wherein said sealing means (11, 12) for preventing surrounding liquid such as sea water from coming into contact with said electrical connection means (1) comprise a sealing compound such as a grease.
3. Electrical subsea connector (18) according to claim 1 wherein said sealing means (11, 12) comprises an outer diaphragm closing said chamber (19).
- 20 4. Electrical subsea connector (18) according to of claim 1 wherein said wall (5) is made of an elastical material for tightening said cable end (20).
5. Electrical subsea connector (18) according to claim 4 wherein said elastical material is an elastomeric material such as silicone rubber or
25 ethylene propylene diene monomer.
6. Electrical subsea connector (18) according to claim 1 wherein said connector comprises an inner semiconducting wall (4) surrounded by said insulating means (5).
7. Electrical subsea connector (18) according to claim 1 wherein said connector comprises an outer semiconducting wall (6)
30 around said insulating means (5).

8. Electrical subsea connector (18) according to claim 7 wherein the interface between said outer semiconducting wall (6) and said insulating means (5) has a curved profile.
9. Electrical subsea connector (18) according to claim 1
5 wherein said connector comprises holes (8) in order to press out a prefilled sealing compound (12) such as a grease when said cable (20) is pushed into said chamber (19).
10. Electrical subsea connector (18) according to claim 1
wherein said connector comprises wiping means (10).